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Present Position

Teaching Fellow, Department of Automobile Engineering, Madras Institute of Technology, Anna University, Chennai from October-2008.

Degree

- ❖ M.E. in Automobile Engineering, Madras Institute of Technology, Anna University (2006 - 2008).
- ❖ B.E. in MECHANICAL ENGINEERING , Government college of Engineering , salem, Madras University (1997 - 2001).

Research Guidance

Number of M.E./ M.Tech. Projects : 17

Guided

Number of M.E./ M.Tech. Projects : 3

Guiding

Papers Presented in Programmes

Research Papers Presented in International Programmes : 3

Research Papers Presented in National Programmes : 6

1. "NUMERICAL SIMULATION USING CFD AND EXPERIMENTAL EVALUATION OF THE HEAT TRANSFER RATE USING ETHYLENE GLYCOL MIXTURE AS ENGINE COOLANT" presented in a National level conference on Advances in Automotive Technology from 15-Jul-2010 to 16-Jul-2010.
2. "DESIGN AND ANALYSIS OF FRONT BUMPER IN VAN" presented in a National level conference on Contemporary Approaches in Mechanical Engineering, from 29-Feb-2012.
3. "MODELLING AND SIMULATION OF HYBRID ELECTRIC VEHICLE" presented in a National level conference on Design, Manufacturing and Thermal Engineering from 30-Mar-2012.

4. "VIBRO-ACOUSTIC PERFORMANCE STUDY OF A POWERTRAIN STRUCTURE THROUGH CAE " presented in a National level conference on Materials And Mechanical Engineering from 06-May-2013 to 07-May-2013.
5. S. R. Serralathan and S. Arun Prasad, "DESIGN AND FABRICATION OF DUAL BRAKES IN A VEHICLE" presented in a National level conference on "Contemporary Approach in Mechanical, Automobile & Building Sciences" NCCAMAB'14 from 28-Mar-2014.
6. P.Vijayaraghavan and S. Arun Prasad, "ADAPTIVE HEADLIGHT SYSTEM FOR ACCIDENT PREVENTION" presented in a International level conference on Recent Trends in Information Technology (ICRTIT-2014) from 10-Apr-2014 to 12-Apr-2014.
7. "DEVELOPMENT AND TESTING OF VEHICLE SPEED CONTROLLER BY USING IMAGE PROCESSING FOR HYBRID VEHICLE SAFETY " presented in a International level conference on Computational Intelligence And Advanced Manufacturing Research - ICCIAMR 2014 from 02-May-2014 to 03-May-2014.
8. "PREDICTION OF EXHAUST GAS EMISSION IN GASOLINE DRIVEN FOUR STROKE TWO WHEELER VEHICLES USING ARTIFICIAL NEURAL NETWORK" presented in a International level conference on Computational Intelligence And Advanced Manufacturing Research " ICCIAMR 2014" from 02-May-2014 to 03-May-2014.
9. M. Rajesh, S. Arun Prasad, "PREVENTION OF TRAFFIC VIOLATIONS AT TRAFFIC SIGNALS USING WIRELESS TECHNOLOGY " presented in a National level conference on Contemporary Research in Advanced Materials Science – CRAMS 2016 from 04-Feb-2016 to 05-Feb-2016.

Programme Attended

1. Participated in a International level workshop on "Recent Trends and Developments in Engine Management Systems and Alternative Fuels" organized by Department of Automobile Engineering, MIT Campus, Anna University from 22-Mar-2010 to 23-Mar-2010.
2. Attended a International level Short Course on "Engineering Thermodynamics" organized by Department of Automobile Engineering, MIT Campus, Anna University from 20-May-2010 to 26-May-2010.
3. Attended a National level Short Course on "Fluid Mechanics and Machinery" organized by Department of Automobile Engineering, MIT Campus, Anna University from 01-Jun-2011 to 08-Jun-2011.
4. Attended a National level Short Course on "Thermal Engineering-I" organized by Department of Automobile Engineering, MIT Campus, Anna University from 01-Dec-2011 to 08-Dec-2011.
5. Attended a National level Short Course on "Automotive Electrical and Electronics" organized by Department of Automobile Engineering, MIT Campus, Anna University from 10-Jun-2013 to 16-Jun-2013.
6. Participated in a National level workshop on "Recent Trends and Development in Automobile Engineering" organized by Department of Automobile Engineering, MIT Campus, Anna University from 13-Feb-2015 to 14-Feb-2015.

Invited Lectures

1. Delivered a Lecture on "Intelligent Vehicle Vision System" in Faculty Development Programme on Engine & Vehicle Management Systems organized by Department of Automobile Engineering, MIT Campus, , Chromepet , Chennai (2015).
2. Delivered a Lecture on "Automobile component materials" in Faculty Development Programme on AUTOMOBILE ENGINEERING organized by Department of Automobile Engineering, MIT Campus, , Chromepet , Chennai (2014).
3. Delivered a Lecture on "Automotive Safety" in Graduate Engineer Training for Rane Groups organized by Department of Automobile Engineering, MIT Campus, , Chromepet , Chennai (2014).
4. Delivered a Lecture on "Automotive Safety" in Graduate Engineer Training for Renault Nissan Technology Business Centre Private Ltd organized by Department of Automobile Engineering, MIT Campus, , Chromepet , Chennai (2013).
5. Delivered a Lecture on "Recent Trends in Automotive Electronics" in Faculty Development training Programme on Automotive Electrical and Electronics organized by Department of Automobile Engineering, MIT Campus, , Chromepet , Chennai (2013).
6. Delivered a Lecture on "Intelligent Vehicle Vision System" in Faculty Development training Programme on Automotive Electrical and Electronics organized by Department of Automobile Engineering, MIT Campus, , Chromepet , Chennai (2013).
7. Delivered a Lecture on "Automotive Safety" in Graduate Engineer Training for Renault Nissan Technology Business Centre Private Ltd organized by Department of Automobile Engineering, MIT Campus, , Chromepet , Chennai (2012).
8. Delivered a Lecture on "Automotive Steering Systems" in Faculty Development training Programme on Automotive Engineering organized by Department of Automobile Engineering, MIT Campus, , Chromepet , Chennai (2012).
9. Delivered a Lecture on "Automotive Safety" in Graduate Engineer Training for Renault Nissan Technology Business Centre Private Ltd organized by Department of Automobile Engineering, MIT Campus, , Chromepet , Chennai (2011).